

ABSTRACT:

A torque convertible adapter for driving tools includes a tubular body having an rectangular extension on rear end connected to a handle, a threaded outer periphery, a circular receiving space in front end including three pair of circular recesses in different depth spacedly formed in the bottom thereof, each pair of the circular recesses being symmetrically arranged, three pair of springs in different length and different elasticity respectively disposed into the circular recesses each having a steel ball disposed on free end, a socket spanner having an enlarged circular rear end inserted into the circular receiving space including a plurality of semi-circular recesses engaged with the steel balls, a bolt rotatably secured the socket spanner in the circular receiving space through a central hole in the enlarged circular rear end and the bottom of the circular receiving space, a ring pad sleeved on the socket spanner an a U-shaped cap fastened to the tubular body having a threaded inner periphery engaged with the threaded outer periphery and a central bore for passing through the socket spanner which is protruded out of the adapter.